

Converting Colors

RGB(189, 13, 126)

Have a look what the booklet for
RGB(189, 13, 126) contains.

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Color

RGB(189, 13, 126)

Conversions

Conversions Part 1

Format	Color
Hex	BD0D7E
RGB	189, 13, 126
RGB Percent	74%, 5%, 49%
CMY	0.2588, 0.9490, 0.5059
CMYK	0.00, 0.93, 0.33, 0.26
HSL	321°, 87%, 40%
HSV	321°, 93%, 74%
XYZ	24.8961, 12.6130, 20.8611
YIQ	78.5060, 68.6230, 72.4550

Conversions

Conversions Part 2

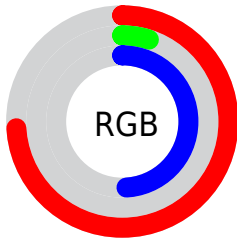
Format	Color
RYB	189, 13, 126
Decimal	12389758
CIELab	42.17, 69.16, -15.00
CIELCh	42, 70.771, 347.765
Yxy	12.6130, 0.4265, 0.2161
Android (android.graphics.Color)	4290579838 (0xFFBD0D7E)
YUV	78.5060, 23.4145, 96.9032
Hunter-Lab	35.5148, 62.9786, -9.9660

Details

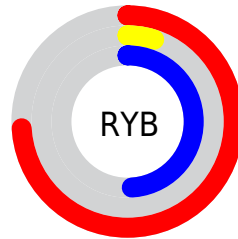
The RGB color **189, 13, 126** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **13, 189, 76**, and the grayscale version is **78, 78, 78**.

A 20% lighter version of the original color is **250, 89, 179**, and **130, 0, 77** is the 20% darker color. If you saturate the color by 10%, you get **189, 0, 121**, and if you desaturate by 10%, it is **189, 32, 133**.

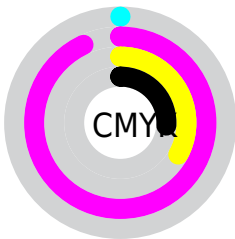
Distribution



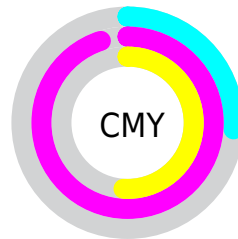
- Red (74%)
- Green (5%)
- Blue (49%)



- Red (74%)
- Yellow (5%)
- Blue (49%)



- Cyan (0%)
- Magenta (93%)
- Yellow (33%)
- Black (26%)



- Cyan (26%)
- Magenta (95%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 13, 126 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 189, 13, 126 by changing the saturation by 10% instead.



189, 13, 126



189, 13, 126

255, 255, 255



159, 0, 101



250, 89, 179



130, 0, 77



255, 118, 206



101, 0, 54



255, 147, 235



74, 0, 33



255, 176, 255



46, 0, 5



255, 206, 255



0, 0, 0



255, 236, 255



189, 13, 126




189, 13, 126



189, 0, 121




189, 32, 133

 189, 51, 140


 189, 70, 146

 189, 89, 153

 189, 108, 160

 189, 126, 167

 189, 145, 173

 189, 164, 180

 189, 183, 187

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



143, 63, 179



189, 13, 126



198, 7, 68

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189, 13, 126



89, 107, 0



0, 122, 186

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



189, 13, 126



13, 189, 76

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 124, 134



189, 13, 126



0, 118, 0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189, 13, 126



141, 88, 0



0, 122, 73



0, 114, 215

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189, 13, 126



188, 44, 30



0, 122, 73



0, 123, 170

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



189, 13, 126



245, 176, 220



75, 13, 189



122, 81, 108



250, 250, 250



122, 122, 122

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



189, 13, 126



245, 0, 157



189, 13, 39



94, 85, 91



158, 0, 102



31, 0, 20

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



189, 13, 126



245, 0, 157



13, 189, 163



94, 85, 91



158, 0, 102



31, 0, 20

Previews

White Background



This preview shows how the RGB color 189, 13, 126 looks on a white background.

Color Contrast Check

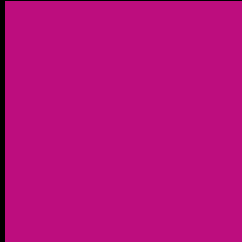
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 189, 13, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 189, 13, 126 Background



This preview shows how black text looks on a background with the RGB color 189, 13, 126.

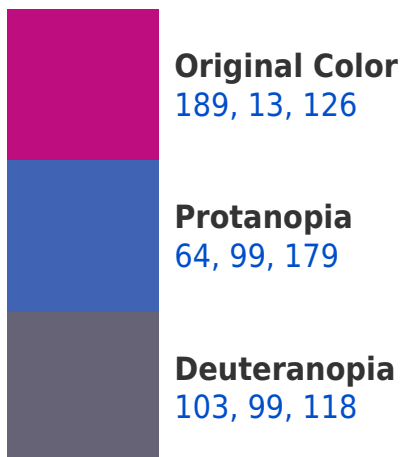


This preview shows how white text looks on a background with the RGB color 189, 13, 126.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
184, 51, 53

Trichromacy



Original Color

189, 13, 126



Protanomaly

109, 68, 160



Deuteranomaly

134, 68, 121



Tritanomaly

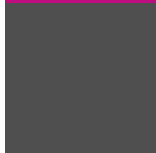
186, 37, 80

Monochromacy



Original Color

189, 13, 126



Achromatopsia

79, 79, 79



Achromatomaly

119, 55, 96

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 13, 126 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 13, 126)` looks like.

```
.text, #text, p{  
    color:rgb(189, 13, 126)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 13, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 13, 126) }
```

Border

The CSS property to change the border of an element to RGB 189, 13, 126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 13, 126) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(189, 13, 126) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(189, 13, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 13, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 13, 126);  
box-shadow:4px 4px 4px 4px rgb(189, 13,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 189, 13, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 13, 126) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189, 13,  
126) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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